

Express Mail No.
ET943347675US

ALT-266
(A955)

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**MULTITAP FRACTIONAL BAUD PERIOD
PRE-EMPHASIS FOR DATA TRANSMISSION**

the specification of which

☒ is attached hereto

☐ was filed on _____ as
Application No. _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I do not know and do not believe that the invention was ever patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application.

I do not know and do not believe that the invention was in public use or on sale in the United States of America more than one year prior to this application.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

| | | | Priority Claimed | |
|-------------------|--------------------|---------------------------------|------------------|-----|
| | | | [] | [] |
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | Yes | No |
| | | | [] | [] |
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | Yes | No |

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional patent application(s) listed below:

| _____ (Application No.) | _____ (Filing Date) |
|----------------------------|------------------------|
|----------------------------|------------------------|

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, < 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| _____ (Application No.) | _____ (Filing Date) | _____ (Status) patented, pending, abandoned) |
|----------------------------|------------------------|--|
|----------------------------|------------------------|--|

Please send correspondence to: Garry J. Tuma
FISH & NEAVE
1251 Avenue of the Americas
New York, NY 10020-1105

Please direct telephone calls to: Garry J. Tuma
(212) 596-9000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor Tad Kwasniewski

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Citizenship Canada

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First inventor's signature Tad Kwasniewski 2012/03
Date

Full name of second inventor Haitao Mei

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Second inventor's signature Haitao Mei Dec. 17, 2003
Date

Full name of third inventor Shoujun Wang

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Third inventor's signature Shoujun Wang Dec 17, 2003
Date

Full name of fourth inventor Mashkoor Baig

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Fourth inventor's signature  17-12-2003
Date

Full name of fifth inventor Bill Bereza

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Post Office Address same

Fifth inventor's signature  17 Dec/03
Date

Full name of sixth inventor _____

Residence _____

Citizenship _____

Post Office Address _____

Sixth inventor's signature _____
Date

Express Mail No.
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PATENTS
ALT-266
(A955)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION

Applicants : Tad Kwasniewski et al.
Filed : Herewith
For : MULTITAP FRACTIONAL BAUD PERIOD
PRE-EMPHASIS FOR DATA TRANSMISSION

Mail Stop PATENT APPLICATION
Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

POWER OF ATTORNEY BY ASSIGNEE

Under the provisions of 37 C.F.R. § 3.71, the undersigned assignee of record, by virtue of an assignment submitted concurrently herewith for recording, of the above-identified patent application, hereby elects to conduct the prosecution of the above-identified patent application to the exclusion of the inventor. The assignee hereby revokes any powers of attorney previously granted and appoints:

Derek E. Minihane, Reg. No. 39,774,
Robert R. Jackson, Reg. No. 26,183,
Jeffrey H. Ingerman, Reg. No. 31,069, and
Garry J. Tuma, Reg. No. 40,210

its attorneys, with power of substitution, and with power of appointment of associate attorneys, and of revocation of their powers, to prosecute this application and any divisions, continuations in whole or in part, renewals and reissues of the same, and to transact all business in the Patent and Trademark Office connected therewith;

and assignee requests that communications be sent
to:

Garry J. Tuma
FISH & NEAVE
1251 Avenue of the Americas
New York, New York 10020-1105

and that telephone calls be directed to:

Garry J. Tuma
(212) 596-9000.

The undersigned hereby certifies that the
evidentiary documents have been reviewed and, to the best of
the undersigned's knowledge and belief, title is in
assignee.

The undersigned hereby declares that all
statements made herein of my own knowledge are true and that
all statements made on information and belief are believed
to be true; and further that these statements were made with
the knowledge that willful false statements and the like so
made are punishable by fine or imprisonment, or both, under
Section 1001 of Title 18 of the United States Code and that
such willful false statements may jeopardize the validity of
the application or any patent issued thereon.

ALTERA CORPORATION
ASSIGNEE

1/6/04
Date

By: Derek E. Mini
Derek E. Mini
Director, Intellectual
Property Law and
Assistant Secretary